

CASE TF/4-22991/A/PFE 318/PCT

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

*Andrea DeGerchis*  
Type or print name

*Andrea DeGerchis*  
Signature

*8/21/06*  
Date

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE PCT NATIONAL STAGE APPLICATION OF

Group Art Unit:

SALMAN DERMEIK ET AL

Examiner:

INTERNATIONAL APPLICATION NO. PCT/EP 04/013357

FILED: NOVEMBER 24, 2004

FOR: PROCESS FOR THE FLAME-RETARDANT  
TREATMENT OF FIBER PRODUCTS

U.S. APPLICATION NO: 10/580,739

35 USC 371 DATE: MAY 26, 2006

**MAIL STOP: PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

In accordance with 37 CFR 1.56, Applicants wish to call the Examiner's attention to the references cited on the attached form PTO-1449. A copy of the International Search Report was supplied, when this application entered the U.S. national phase.

U.S. 4,328,142; 5,641,855 and 5,106,582 are substantively cumulative English language counterparts of DE 30 03 648; DE 42 44 194; EP 0 401 538 and EP 0 599 812.

Copies of the non-U.S. references (that do not have U.S. equivalents) and/or English language abstracts thereof and all articles/journals are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Joseph C. Suhadolnik", written in a cursive style.

Joseph C. Suhadolnik  
Agent for Applicants  
Reg. No. 56,880  
filed under 37 CFR 1.34(a)

Ciba Specialty Chemicals Corporation  
Patent Department  
540 White Plains Road  
P.O. Box 2005  
Tarrytown, NY 10591-9005  
Tel. (914) 785-2973  
Fax (914) 785-7102  
PTO 1449 form and 14 refs

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional) <b>TF/4-22991/A/PFE 318/PCT</b>	Application Number <b>10/580,739</b>
	Applicant <b>SALMAN DERMEIK ET AL</b>	
	Filing Date <b>MAY 26, 2006</b>	Group Art Unit

### U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,977,293	11/99	Steuerle et al.	528	424	
	6,451,961	9/02	Suzuki et al.	528	424	
	2,632,743	3/53	Eckert et al.	260	17.3	
	5,160,582	11/92	Takahashi	162	117	
	5,641,855	6/97	Scherr et al.	528	310	
	4,328,142	5/82	Hertel et al.	523	417	

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	0 599 812	6/94	Europe			U.S. =	
	42 44 194	6/94	Germany			U.S. =	
	30 03 648	8/81	Germany			U.S. =	
	0 401 538	12/90	Europe			U.S. =	
	0 451 665	4/91	Europe				

### OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	R.M. Rowell "Proceedings, International Workshop on Frontiers of Surface Modification and Characterization of Lignocellulosic Fibers" (Sweden May 30 - 31, 1996) (ISBN 91-7197-593-4)
	S.C. Juneja "Stable and Leach-Resistant Fire Retardants for Wood" in "Forest Products Journal", Vol. 22, No. 6 (June, /1972) pages 17 - 23
	S. Ishihara et al. "Wood Research" No. 52 (1972) pp. 72-89

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional)	Application Number
	TF/4-22991/A/PFE 318/PCT	10/580,739
	Applicant	
	SALMAN DERMEIK ET AL	
	Filing Date	Group Art Unit
	MAY 26, 2006	

## U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	1250446	9/76	Great Britain				
	00/29490	5/00	PCT/World			Abst.	
	0 542 071	5/93	Europe			Abst.	
	0 406 783	1/91	Europe			Abst.	

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	D.A. Tomalia et al., in "Encyclopedia of Polymer Science and Engineering, Vol. 1, Wiley N.Y. 1985, pages 680 – 739
	D. Horn, "Polyethylenimine-Physicochemical Properties and Applications, in "Polymeric Amines and Ammonium Salts", Goethals E.J., Pergamon Press: Oxford, New York 1980, pages 333 – 355
	T. St. Pierre and M. Geckle, <sup>13</sup> C-NMR-Analysis of Branched Polyethylenimines, J. Macromol. SCI.-CHEM. Vol. A 22 (5 – 7), pages 877 – 887 (1985)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through

Citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number (Optional)		Application Number
	TF/4-22991/APFE 318/PCT		10/580,739
	Applicant		
	SALMAN DERMEIK ET AL		
	Filing Date		Group Art Unit
	MAY 26, 2006		

### U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

### OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

	English Language Abstract of WO 00/029490 from the esp@cenet web site printed on 8/16/06
	English Language Abstract Number 120:25605 of EP 542 071
	English Language Abstract Number 1991-009783[02] of EP 406783

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.